

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U. S. FOREST SERVICE
DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: Black Warrior Ranger District and
Bankhead Ranger District, William B.
Bankhead National Forest

STATE: Alabama

AREA WITHIN SURVEY BOUNDARY: 348,000 gross acres

DATES: 8/6/79 Bankhead Ranger District; 8/15/79 Black Warrior Ranger District

AIRCRAFTS: Cessna 172 and Cessna 210

CREW: Robert Bassett, Thomas P. Russell - Bankhead Ranger District;
Thomas P. Russell, James L. Wehry - Black Warrior Ranger District.

REPORT PREPARED BY: Robert Bassett and Thomas P. Russell

SURVEY OBJECTIVES: Southern pine beetle detection.

SURVEY RESULTS

Both Districts had considerable mortality from southern pine beetle. Spot size ranged to 100+ on the Bankhead Ranger District and 60 on the Black Warrior Ranger District.

Summary of Aerial Survey Data of August 6, 1979 and August 15, 1979

Administrative Unit	Infestation Size (# Trees)							
	6-20		21-50		51-100		100+	
	Spots	Trees	Spots	Trees	Spots	Trees	Spots	Trees
Black Warrior Ranger District	47	550	15	410	--	--	--	--
Bankhead Ranger District	24	308	12	485	6	550	--	--

CONCLUSIONS

Both Districts have a severe outbreak of southern pine beetle. Based on trends of previous outbreaks the population will probably increase in the coming months.

For any additional information, contact

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